

| L Number | Hits    | Search Text  | DB                 | Time stamp          |
|----------|---------|--|--------------------|---------------------|
| 1        | 5       | patzke-jurgen-.in.   | USPAT;<br>US-PGPUB | 2003/08/27<br>14:51 |
| 2        | 6035    | platelet\$1 near5 (aggregat\$3 or agglutinat\$3)   | USPAT;<br>US-PGPUB | 2003/08/27<br>14:51 |
| 3        | 0       | (platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same nonstir\$4   | USPAT;<br>US-PGPUB | 2003/08/27<br>14:51 |
| 4        | 390     | (platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same stir\$4  | USPAT;<br>US-PGPUB | 2003/08/27<br>14:52 |
| 5        | 19      | ((platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same stir\$4) same continuous  | USPAT;<br>US-PGPUB | 2003/08/27<br>14:56 |
| 6        | 74459   | (stir\$4 or shak\$3 or agitat\$3 or vibrat\$3 or mix\$4) near5 (without or absen\$2)   | USPAT;<br>US-PGPUB | 2003/08/27<br>14:59 |
| 7        | 13      | (platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same ((stir\$4 or shak\$3 or agitat\$3 or vibrat\$3 or mix\$4) near5 (without or absen\$2)) | USPAT;<br>US-PGPUB | 2003/08/27<br>15:03 |
| 8        | 185     | (platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same phase\$1   | USPAT;<br>US-PGPUB | 2003/08/27<br>15:04 |
| 9        | 1234370 | stir\$4 or mix\$4 or shak\$4 or vibrat\$3 or agitat\$3   | USPAT;<br>US-PGPUB | 2003/08/27<br>15:08 |
| 10       | 25      | ((platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same phase\$1) same (stir\$4 or mix\$4 or shak\$4 or vibrat\$3 or agitat\$3)               | USPAT;<br>US-PGPUB | 2003/08/27<br>15:05 |
| 11       | 926650  | stir\$4 or mixing or mix or shak\$4 or vibrat\$3 or agitat\$3  | USPAT;<br>US-PGPUB | 2003/08/27<br>15:08 |
| 12       | 140     | (stir\$4 or mixing or mix or shak\$4 or vibrat\$3 or agitat\$3) and ((platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same phase\$1)         | USPAT;<br>US-PGPUB | 2003/08/27<br>15:08 |
| 13       | 10      | (stir\$4 or mixing or mix or shak\$4 or vibrat\$3 or agitat\$3) same ((platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same phase\$1)        | USPAT;<br>US-PGPUB | 2003/08/27<br>15:11 |
| 14       | 390     | (platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same stir\$4  | USPAT;<br>US-PGPUB | 2003/08/27<br>15:11 |
| 15       | 8       | ((platelet\$1 near5 (aggregat\$3 or agglutinat\$3)) same stir\$4) and 436/69.ccls.   | USPAT;<br>US-PGPUB | 2003/08/27<br>15:21 |

## Search History

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**DATE: Wednesday, August 27, 2003**

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| <u>Set</u><br><u>Name</u><br>side by<br>side | <u>Query</u>   | <u>Hit</u><br><u>Count</u> | <u>Set</u><br><u>Name</u><br>result<br>set |
|--|--|----------------------------|--|
|  | <i>DB=JPAB,EPAB,DWPI,TDBD;<br/>PLUR=YES; OP=ADJ</i>                        |                            |  |
| <u>L16</u>                                   | platelet\$1 same (aggregat\$3<br>or agglutinat\$3)                         | 6085                       | <u>L16</u>                                 |
| <u>L15</u>                                   | L14 not (l10 or l11)   | 25                         | <u>L15</u>                                 |
| <u>L14</u>                                   | l7 and light   | 30                         | <u>L14</u>                                 |
| <u>L13</u>                                   | l7 and turbidometric   | 0                          | <u>L13</u>                                 |
| <u>L12</u>                                   | l7 and (macroaggregate\$1 or<br>microaggregate\$1)                         | 1                          | <u>L12</u>                                 |
| <u>L11</u>                                   | L10 not l9   | 15                         | <u>L11</u>                                 |
| <u>L10</u>                                   | l7 and continuous\$2   | 17                         | <u>L10</u>                                 |
| <u>L9</u>                                    | L8 and (ristocetin or collagen<br>or adp or epinephrine or<br>arachidonic) | 17                         | <u>L9</u>                                  |
| <u>L8</u>                                    | l7 and (without or absence)<br>l4 and (stir\$4 or mix\$4 or                | 74                         | <u>L8</u>                                  |

|           |  |      |           |
|-----------|--|------|-----------|
| <u>L7</u> | agitat\$3 or shak\$3 or<br>vibrat\$1 or centrifug\$5 or<br>ultrasound) | 754  | <u>L7</u> |
| <u>L6</u> | l4 and (continuous\$2 adj<br>stir\$4)                                  | 2    | <u>L6</u> |
| <u>L5</u> | L4 and nonstir\$4  | 0    | <u>L5</u> |
| <u>L4</u> | platelet and (aggregat\$3 or<br>agglutinat\$3)                         | 6126 | <u>L4</u> |
| <u>L3</u> | L2 and platelet\$1   | 4    | <u>L3</u> |
| <u>L2</u> | patzke-\$.in.  | 91   | <u>L2</u> |
| <u>L1</u> | patzke-j-\$.in.  | 0    | <u>L1</u> |

END OF SEARCH HISTORY

d his

(FILE 'HOME' ENTERED AT 12:08:28 ON 27 AUG 2003)

FILE 'CAPLUS, CAOLD, MEDLINE, BIOSIS' ENTERED AT 12:08:40 ON 27 AUG 2003

E PATZKE JURGEN/AU

L1 1 S E3  
L2 99748 S PLATELET? AND (AGGREGAT? OR AGGLUTINAT?)  
L3 1272 S L2 AND STIR?  
L4 9 S L2 AND CONTINUOUS STIR?  
L5 4 S L4 AND (ABSENCE OR WITHOUT)  
L6 2 DUP REMOV L5 (2 DUPLICATES REMOVED)  
L7 3892 S L2 AND (STIR? OR MIX? OR VIBRAT? OR AGITAT?)  
L8 588 S L7 AND (ABSENCE OR WITHOUT)  
L9 0 S L8 AND MACROAGGREGATE?  
L10 0 S L8 AND REACTION PHASE?  
L11 269945 S (STIR? OR MIX? OR VIBRAT? OR AGITAT?) (P) (ABSENCE OR WITHOUT)  
L12 97805 S PLATELET? (P) (AGGREGAT? OR AGGLUTINAT?)  
L13 11 S L8 AND CONTINUOUS  
L14 9 DUP REMOV L13 (2 DUPLICATES REMOVED)  
L15 7 S L14 NOT L6  
L16 37609 S L2 AND (RISTOCETIN OR COLLAGEN OR ADP OR EPINEPHRINE OR ARAC  
L17 1590 S L7 AND (RISTOCETIN OR COLLAGEN OR ADP OR EPINEPHRINE OR ARAC  
L18 318 S L17 AND (ABSENCE OR WITHOUT)  
L19 5 S L18 AND CONTINUOUS  
L20 3 DUP REMOV L19 (2 DUPLICATES REMOVED)  
L21 0 S L7 AND LESS VIOGOROUSLY  
L22 165 S L8 AND MEASUR?  
L23 92 S L18 AND MEASUR?  
L24 1 S L23 AND CONTINUOUS

L15 ANSWER 6 OF 7 MEDLINE on STN

AN 90296375 MEDLINE

DN 90296375 PubMed ID: 2360233

TI The maintenance of **platelet** properties upon limited discontinuation of **agitation** during storage.

AU Moroff G; George V M

CS American Red Cross, Jerome H. Holland Laboratory, Rockville, Maryland.

SO TRANSFUSION, (1990 Jun) 30 (5) 427-30.

Journal code: 0417360. ISSN: 0041-1132.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199007

ED Entered STN: 19900907

Last Updated on STN: 19900907

Entered Medline: 19900731

AB **Platelet** concentrates are routinely stored with **continuous agitation** but may need to be maintained **without agitation** for substantial time periods. Studies were conducted in vitro to assess the retention of **platelet** properties after the discontinuation of **agitation**. **Platelets** were maintained **without agitation** in an insulated cardboard container. In one study, **platelet** concentrates were kept at 20 to 24 degrees C for the entire 24-hour period. In another study, they were kept at 37 degrees C for 6 hours with subsequent storage at ambient room temperature for the remainder of the 24-hour holding period. Under the simulated shipping conditions, discontinuation of **agitation** for 24 hours between Days 2 and 3 of a 7-day storage period minimally influenced the maintenance of a series of in vitro **platelet** properties. The maintenance of **platelet** concentrates at 20 to 24 degrees C, sitting undisturbed on a bench top for 9 hours, after storage for 6 days with **continuous agitation**, also had no damaging influence.